0600Bg--Ocean Veritas Cruise 06 JUN 25-29 2010

****DATA SOURCE****
Data were compiled from surveys conducted in the Gulf of Mexico. Data were compiled from
NewFields Environmental Forensics Practice, LLC (Alpha) lab electronic data. The data sets
were for samples collected from the Ocean Veritas Cruise 06 JUN 25-29 2010.

As each set is added, the chemistry table (chemwat for water data) includes a 'Dataset' field that
tracks the additions, as follows:

Dataset 052: 1007001, 1007002, 1007003, 1007006, 1007007, 1007008, 1007010, 1007011,
1007012, 1007015, 1007016, 1007017

****STUDY****
The data include water chemistry data.

****STATION****
StationIDs are based on the locations recorded in the SCRIBE database.   It was confirmed with
field logs that Stations OV083 and OV088 had the same coordinates but were visited on different
days.

****SAMPLES AND REPLICATES****
The collection depth of water samples in the fields UDepth and LDepth are reported in meters.
Water depths were derived from a combination of the SCRIBE database and the daily logs
(SciLog files) available from the cruise. The "Label" assigned to each sampleID (relative to
either PAH or VOC samples) enabled correct sample informaiton to be assigned to the data.

The original SampleIDs reported by the lab from the Chain-of-Custody is stored in the
ExSampID field in the SmpWat.dbf table.
The original SampleID reported by field staff is stored in FldSampID in the SmpWat.dbf table.
However, some volatile samples were given the incorrect SampleID in the field database, so the
correct SampleID (with a "V" at the end of the SampleID) was reported in the fldSampID field.

The labrep field was coded with "1A" to indicate that the results were from Alpha lab. Lab
duplicates (second analysis of same sample for same analytical method) were assigned labrep
"2A". Lab duplicates were identified as those samples with a "D" suffix on the labID.

Several analytes are reported from 2 different analytical methods. The "preferred" result (usually
with lower detection limits) is given the default labrep code (e.g., "1A" or "2A"). The results
from the non-preferred analytical method have a "X" appended to the labrep code (e.g., "1AX"
or "2AX")

The following chemcode/analytes were measured using two methods:

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Total Saturated
Hydrocarbons by GC/FID | 8015M
AHCN_C09/ Nonane
AHCN_C10/ Decane
AHCN_C11/ Undecane
AHCN_C12/ Dodecane
AHCN_C13/ Tridecane
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Methods: PIANO Volatile Hydrocarbons by GC/MS | 8260M and Alkylated Polynuclear
Aromatic Hydrocarbons | 8270M
BTHIOPHNE/ Benzo(b)thiophene
METHNAP_1/ 1-Methylnaphthalene
METHNAP_2/ 2-Methylnaphthalene
NAPTHALENE/ Naphthalene
The results for PIANO Volatile Hydrocarbons by GC/MS were assigned labrep "1AX"

Alpha Lab Analytical Methods:
Total Saturated Hydrocarbons by GC/FID | 8015M | SOP. 0-003 Rev. 5   (abbreviated as 8015
M - Tot Sat. HC - GC/FID)
Alkylated Polynuclear Aromatic Hydrocarbons | 8270M | SOP. 0-008 Rev. 6   (abbreviated as
8270 M - Alkylated PAHs)
PIANO Volatile Hydrocarbons by GC/MS | 8260M | SOP. 0-019 Rev. 2   (abbreviated as 8260
M - PIANO VolHC - GC/MS)

****SUMMED PARAMETERS****
No sums were calculated and appended to the data set.

****QUALIFIERS****
Qualifiers recorded in the chemistry files represent the final data qualifiers provided by the data
validation. Descriptions of the data qualifiers are included in the data dictionary.

****OTHER****
The original analyte reported as Benzo(k)fluoranthene was identifed by the data validators to be
a coelution of Benzo(k)fluoranthene and Benzo(j)fluoranthene. Therefore, the chemical data for
the original Benzo(k)fluoranthene results have been assigned a chemical code for
Benzo(j+k)fluoranthene.